

KOPLA PP KPT1020

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPT1020 is a Polypropylene material filled with mineral. It is available in Asia Pacific.

Important attributes of KOPLA PP KPT1020 are:

Flame Rated

Good Dimensional Stability

Warp Resistant

Typical application of KOPLA PP KPT1020: Automotive

General Information	
UL YellowCard	E217777-101549453
Filler / Reinforcement	Mineral
Features	Good Dimensional Stability
	Low Warpage
Uses	Automotive Instrument Panel
	Automotive Under the Hood

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.90 to 1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	37.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	25	%	ASTM D638
Flexural Modulus (23°C)	2840	MPa	ASTM D790
Flexural Strength (23°C)	55.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	143	°C	
1.8 MPa, Unannealed	85.0	°C	
Melting Temperature	163	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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